



D&M CHEM

112 W. Charron Rd. | Moxee, WA 98936
230 Cowiche City Rd. | Cowiche, WA 98923

CROP NUTRIENT

FOS-SIL™

Fos-Sil™ is highly bioavailable blended liquid silicon soil amendment product proven to strengthen cell walls and stimulate natural immune response within plants.

GUARANTEED ANALYSIS

Non-Plant Food Ingredient:

Stabilized Silicic Acid.....3.90%

Derived from: Monosilicic Acid

HAZARD STATEMENTS

- CAUTION: Keep out of reach of children.
- May cause mild skin irritation.
- Avoid contact with skin and eyes, open cuts, or sores. In case of contact, flush with water. Get medical attention for eyes.
- Nausea and vomiting could be expected upon large dose ingestion. The acute indigestive effects are described as nausea, chills and diarrhea.
- Eye or skin contact with these products could cause irritation and respiratory irritation could be expected from the unprotected inhalation.

PREVENTION

- Product users should avoid prolonged or repeated skin contact by wearing impervious gloves, long sleeve shirt, long pants, socks and rubber boots.
- Goggles for eye protection are recommended.
- Wash thoroughly after handling and using this product.

NET CONTENTS

1 Gallon or Bulk
NET WEIGHT: 11.1 lbs/gal

FIRST AID Immediately call poison control center or doctor/physician.

IF SWALLOWED:

- Have person sip water if able to swallow.
- Do not induce vomiting unless told to by a poison control center.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin with water for 15-20 minutes.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 10-15 minutes.
- Remove contact lenses after first 5 minutes, then continue rinsing eye.

IF INHALED:

- Move person to fresh air.
- If person is not breathing call 911 immediately.

EMERGENCY TELEPHONE

Chemtrec US-Canada 800-424-9300



GENERAL INFORMATION

Fos-Sil contains a silicon available in a stabilized silicic acid (SSA), that is readily absorbed and trans-located. Silicon in the SSA form strengthens the plant's internal processes and external defenses with improved cell wall integrity. Fos-Sil applied in the soil or foliarly aids the plant during periods of drought, extreme temperatures, cold, frost, heat stress, salinity and mineral toxicity (Al, Cd, Zn, As, Mn, Fe) and other abiotic stresses. Fos-Sil activates the plants immune system by helping it to resist foliar and soil diseases caused by fungi, bacteria, nematodes, viruses and other biotic stresses. **Enhance your calcium and boron crop nutrition program with the addition of Fos-Sil Soil Amendment.**

DIRECTIONS FOR USE

CAUTION: Always add Fos-Sil first to the spray tank water. Use a dry and dedicated measuring vessel. A jar test is recommended to test compatibility when new or unfamiliar tank mix combinations are used.

GENERAL USE RECOMMENDATIONS

Ground Applications: Apply 2-7 oz. per acre in sufficient water for thorough spray coverage.

Aerial Applications: Apply 2-7 oz. per acre in minimum of 5 gallons of water per acre.

Irrigation (Sprinkler, Drip, Pivot): Apply 3-8 oz. per acre through irrigation system. Use a dedicated injector/pump.

Hydroponics Solutions: Add 30 ml (1 oz.) per 100 gal of water. Add first to solution.

APPLICATION RATE INSTRUCTIONS

Apple, Pear, & Tree Nuts: Apply 4 oz. per acre. First application at pre-bloom and then 6-8 applications at 7-14 day intervals.

Stone Fruits: Apply 4 oz. per acre. First application at pre-bloom and then 4 applications at 7-14 day intervals.

Strawberries, Blueberries, & Cranberries: Apply 4 oz. per acre. 2 applications pre-bloom and 3 applications post-bloom at 10-14 day intervals.

Hops: Apply 3-4 oz. per acre. 4 applications pre-bloom and 4 applications post-bloom. Repeat every 10-14 days

Grapes: Apply 3 oz. per acre. 6-8 applications; 3 pre-bloom applications then repeat every 10-14 days.

Vegetables & All Allium: Apply 3-4 oz. per acre. For best results apply a minimum of 4 applications.

Beans: Apply 3-4 oz. per acre. 2 pre-bloom applications and again 30-45 days later.

Peppers & Tomatoes: Apply 4 oz. per acre. 4-6 applications from pre-bloom to first color.

Melons & Cucurbits: Apply 3-4 oz. per acre. 4-6 applications from pre-bloom through fruit sizing. 14 days apart.

Potatoes & Other Tuber Crops: Apply 3 oz. per acre. Starting at 10 inch growth for 6-8 applications through tuberization via separated fertigation 7-10 days apart.

Small Grains: Apply 2-4 oz. per acre at tillering and at flagging with herbicide and/or fungicide applications.

Sugarcane & Rice: Apply 5-7 oz. per acre. For best results apply a minimum of 2-3 applications. Apply at 21-30 day intervals.

Turfgrass & Greens: Apply 6 oz. per acre in 40-60 gpa. Every 21-30 days.

Ornamentals, Nursery, & Greenhouse: Apply 3-4 oz. per 100 gallons of water.

CONDITIONS OF SALE

Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed herein. Seller neither makes nor authorizes any agent or representative to make, any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risk occur even though the product is reasonably fit for the uses stated herein, and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by seller under 1. above) resulting from handling, storage and use of the material.

Distributed by:

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